

ABSTRACT

A sensor assembly for sensing angular position of an object is provided. The assembly may comprise at least one magneto-sensing element having a first axis of rotation. The assembly may further comprise a magnet having a second axis of rotation. At least one of the magnet and the magneto-sensing element are rotatable relative to the other. The respective axes of rotation of the magneto-sensing element and the magnet are non-coincident with respect to one another. The magnet is magnetized along one of the following directions: an axial direction and a radial direction.